

REFERENCE & ASSOCIATES
Information Disclosure Statement



Atty. Docket No. YOR920000737US1
(590.033)

2654

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Luo et al. Group Art: not yet assigned
Serial No. : 09/737,259 Examiner: not yet assigned
Filed : 14 December 2000
For : ADAPTATION OF STATISTICAL PARSERS BASED ON
MATHEMATICAL TRANSFORM

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HON. ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98. The items listed on Form PTO-1449, a copy of which is enclosed, may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The submission of this Information Disclosure Statement shall not be construed as a representation that a search has been made or that no other items than those identified herein exist. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

1. ☐ For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed:

A:
B:
2. ☐ For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.
3. ☐ Any copy of the items listed on the enclosed copy of Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in the prior ☐ Continuation, ☐ Divisional or ☐ Continuation-In-Part application under 37 C.F.R. § 1.60, U.S. Serial No. _____, filed _____.
4. ☒ No fee is due under 37 C.F.R. § 1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:

- ☐ 37 C.F.R. § 1.97(b)(1), within three months of the filing date of the above-identified application.
- ☐ 37 C.F.R. § 1.97(b)(2), within three months of the date of entry into the national stage as set forth in § 1.491 in an international application,
- ☒ 37 C.F.R. § 1.97(b)(3), before the mailing date of a first Office action on the merits.
5. ☐ No fee is due under 37 C.F.R. § 1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. § 1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a Notice of Allowance (where there has been no prior final action), and is accompanied by one of the verifications pursuant to 37 C.F.R. § 1.97(e) set forth in paragraph 9 below.
6. ☐ A fee is due under 37 C.F.R. § 1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. § 1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a notice of allowance (where there has been no prior final action):
- ☐ A check in the amount of \$180.00 is enclosed in payment of the fee.
- ☐ Please charge **IBM Corporation Deposit Account No. 50-0510** the amount of \$180.00, to cover the fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or credit **Deposit Account No. 50-0510** as required to correct the error.
7. ☐ A fee is due under 37 C.F.R. § 1.17(i) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. § 1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by:
- a. one of the certifications pursuant to 37 C.F.R. § 1.97(e) set forth in paragraph 9 below; and
 - b. the attached petition requesting consideration of this Information Disclosure Statement; and
 - c. the fee due under 37 C.F.R. § 1.17(i) which is paid as set forth in paragraph 10 below.
8. ☐ A fee is due under 37 C.F.R. § 1.17(i) for this Information Disclosure Statement since it is being filed in compliance with:
- a. ☐ 37 C.F.R. § 1.313(b)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue.
 - b. ☐ 37 C.F.R. § 1.313(b)(5), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue.
 - c. ☐ The fee due under 37 C.F.R. § 1.17(i) is paid as set forth in paragraph 10 below.

9. ☐ I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
10. ☐ A check in the amount of \$130.00 is enclosed in payment of the fee due under 37 C.F.R. § 1.17(i).

Respectfully submitted,

FERENCE & ASSOCIATES

Dated: 12 February 2002

By: 

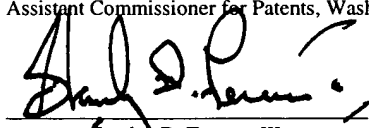
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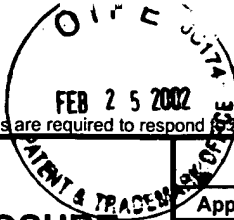
CERTIFICATE OF MAILING

I hereby certify that this correspondence and any documents referred to as enclosed therewith are being deposited with the United States Postal Service as first class mail, addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on 12 February 2002.


Stanley D. Ference III
Reg No. 33,879

12 February 2002
Date of Signature

Please type a plus sign (+) inside this box → ☐



PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0651-0031

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/737,259
Filing Date	14 December 2000
First Named Inventor	LUO et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	YOR920000737U ¹

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A	D. MAGERMAN, "Statistical Decision-Tree Models for Parsing", Proc. Annual Meeting of the Assoc. for Computational Linguistics, pp.276-283, 1995.	
	B	M. COLLINS, "A New Statistical Parser Based on Bigram Lexical Dependencies", Proc. Annual Meeting of the Assoc. for Computational Linguistics, pp.84-191, 1996.	
	C	X. LUO et al., "Unsupervised Adaptation of Statistical Parsers Based on Markov Transform", Proc. of IEEE Workshop on Automatic Speech Recognition and Understanding, Keystone, CO, 1999.	
	D	C.J. LEGGETTER et al., "Maximum likelihood linear regression for speaker adaptation of continuous density hidden Markov models", Cambridge University, Academic Press, pp 172-185 1995	
	E	M. GALES et al., "Mean and variance adaptation within the MLLR framework", Computer Speech and Language, pp. 249-264, 1996.	

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Signature

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Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.